

ABSTRACT

A Bayer process is disclosed. The Bayer process includes a step of treating any one or more of: (a) Bayer
5 liquor or liquors produced in the process, (b)
precipitated aluminium trihydrate particles produced in
the process, and (c) other solids added to or produced in
the process, with ultrasonic energy and destroying
organics in the liquor or liquors, on the precipitated
10 aluminium trihydrate particles, and on the other solids.